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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,291	04/01/2004	Shailendra Mathur	A2003015(2)	8582
26643	7590	10/04/2007	EXAMINER	
PETER J. GORDON, PATENT COUNSEL			SALOMON, PHENUEL S	
AVID TECHNOLOGY, INC.				
ONE PARK WEST			ART UNIT	PAPER NUMBER
TEWKSBURY, MA 01876			2178	
			MAIL DATE	DELIVERY MODE
			10/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary	Application No.	Applicant(s)	
	10/816,291	MATHUR, SHAILENDRA	
	Examiner	Art Unit	
	Phenuel S. Salomon	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 16 July 2007.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-5 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2178

DETAILED ACTION

1. This action is in response to the amendment file on, July 16, 2007.
2. Claims 1-5 are amended and claims 1-5 are pending.
3. The rejection of claims 1-5 under 35 U.S.C. 102 (b) as being anticipated by Rogers et al. (US 6,133,914) has been withdrawn as necessitated by the amendment.

Objections

3. The use of the trademark [for example Intel™, IBM™, etc....] has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology. Although the use of trademark is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner, which might adversely affect their validity as trademarks.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
5. Examiner's Note. The Applicant appears to be attempting to invoke 35 U.S.C. 112 6th paragraph in Claim 1 by using "means-plus-function" language. However, the Examiner notes that the only

"means" for performing these cited functions in the specification appears to be computer program modules. While the claim passes the first test of the three-prong test used to determine invocation of paragraph 6, since no other specific structural limitations are disclosed in the specification, the claim does not meet the other tests of the three-prong test. Therefore, 35 U.S.C. 112 6th paragraph has not been invoked when considering the claim below.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being anticipated by Rogers et al. (US 6,133,914) in view of Samra (US2003/0085932 A1).

Claim 1: Rogers discloses a graphical user interface comprising:

an editing window (col.7, lines 48-55);

means for enabling a user to interactively edit in the editing window one or more transformation hierarchies (scaling is also a method of transform) of including one or more transformations operators, wherein a transformation provides transformation operator data as an output (col.11, lines 65-67 and col. 12, lines 1-17);

but Rogers does not explicitly disclose:

means for enabling a user to interactively edit in the editing window one or more effects trees, wherein at least one effect operator in the effect tree has one or more inputs for receiving transformation data and has a local transformation specification that is combined with the received transformation data; and

means for enabling a user to connect an output of a transformation operator to an input of an effect for receiving the transformation data.

However, Samra discloses an example of compositing tree with effects trees or operators for receiving multiple inputs where those inputs are transformed (composite output data) to create composited sequence of images where output of transformed data is inputted into an effect operator(p.2, para [0020], [0021] and fig. 2). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include the effect features in Rogers. One would have been motivated to do so in order to help user created new sequence of altered images.

Claim 2: Rogers and Samra disclose the graphical user interface as in claim 1 above, Samra further discloses an effect operator also has an input for receiving image data and an output for providing the received image data processed according to the transformation data (see fig. 2).

Claim 3: Rogers and Samra disclose the graphical user interface as in claim 1 above, Samra further discloses the received transformation data is combined with the local transformation specification of the effect operator as a pre-transform.(p.2, para [0020], [0021] and fig. 2).

Claim 4: Rogers and Samra disclose the graphical user interface as in claim 1 above, Samra further discloses the received transformation data is combined with the local transformation specification of the effect operator as a post-transform (p.2, para [0020], [0021] and fig. 2).

Claim 5: Rogers and Samra disclose the graphical user interface as in claim 1 above, Rogers further discloses transforms operators in a transformation hierarchy and effects operators in an effect tree are both kinds of time-varying objects (col.13, lines 15-31).

Response to Arguments

8. Applicant's arguments filed on 07/16/2007 have been fully considered but they are not persuasive but rather moot in view of the new ground(s) of rejection.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Martin (US 5,668,639) discloses method for video editing.

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b. Hermanson (US 5,892,506) discloses multitrack architecture for computer-based editing of multimedia sequences.

c. Teney et al. (US 6,377,259 B2) discloses Presenting node-link structures with modification.

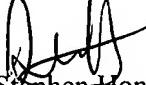
d. Chasen et al. (US 6,760,721 B1) discloses System and Method of managing metadata.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M.(Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272 4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PSS
9/27/2007



Stephen Hong
Supervisory Primary Examiner